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DOMINION BUREAU OF STATISTICS

TRANSPORTATION & PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

CIVIL AVIATION (IN CANADA)

1941

Annual

The statistics in this report are collected from the operators of aircraft with commercial operators' licenses and from light aeroplane clubs with the exception of data on licenses and accidents which are supplied by the Civil Aviation Division of the Department of Transport. That division has jurisdiction over the licensing of all airports, aircraft pilots and engineers and, consequently the licensed aircraft and pilots also include private aircraft and pilots.

The commercial companies are divided into two classes, those engaged principally in international flying between Canada and the United States and those engaged exclusively, or almost exclusively, in flying between Canadian stations. The Canadian operators are divided between licensed and non licensed. The former are licensed by the Transport Board to operate between stated points and have more or less exclusive rights over the routes covered by their respective licenses. The annual reports contain some small revision in the data reported monthly by these operators.

Light aeroplane clubs are subsidized by the Dominion Government and their chief operation in previous years was the training of pilots. For flights around the club field and in instruction and practice no statistics were collected of miles flown but for flights from port to port the mileage was collected for aircraft and passengers. Due to war conditions the activities of these clubs were greatly affected and most of them ceased to operate early in the year. Statistics for these clubs were omitted from this 1941 report. The provincial aircraft are engaged almost solely in forest protection, aerial surveying and similar work.

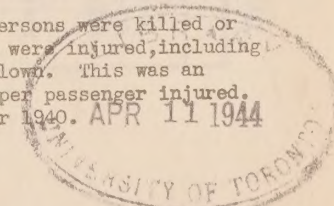
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Passengers and freight in table 1 include only traffic between stations and do not include estimates for sightseeing, prospecting, surveying, forestry patrol, etc; in previous reports mileages were included for forestry patrol and fire fighting by Provincial Government aircraft. The Trans-Canada Air Lines flying between urban centers from the Atlantic to the Pacific are performing a service that existed in only a small way before 1939 and the major part of the increase in passenger traffic is due to its operation.

Operators in the northern districts of Canada are engaged mainly in serving mines, trappers, prospectors, etc., the mines supplying the greater part of their traffic. Their aircraft are equipped with floats in the summer and skis in the winter and lakes serve as landing surfaces. Consequently there are periods each spring and fall when ice conditions make operation impossible. All flying under these conditions is daylight flying. These aircraft have carried all kinds of freight, including shipments of gold, horses and cattle, canoes, mining machinery, bundles of furs, dynamite, etc. They furnish the most economical transportation service to many northern mines and it is this traffic which accounts for the heavy freight traffic by air as compared with freight carried by aircraft in other countries.

Time and miles for "International" operators are only over Canadian territory. The time must necessarily be estimated but any error should be small. These companies report the gasoline and oil purchased in Canada which, with that used by the Canadian operators is the total consumption by civil aircraft except private and Dominion Government aircraft. Also it does not include gasoline and oil consumed by military aircraft. Excess baggage is included with freight. International mail includes both incoming and outgoing mail. Also passengers carried by International operators includes passengers in both directions, and for companies flying between United States points they include through passengers on board while flying over Canadian territory.

These International operators had no accidents in Canada during 1941 in which persons were killed or injured. Canadian licensed operators had accidents in which 19 persons were killed and 5 were injured, including 11 passengers killed and 5 passengers injured for a total of 51,675,063 passenger miles flown. This was an average of 4,554,000 passenger miles per passenger killed and 10,335,000 passenger miles per passenger injured. One serious accident in which 12 persons were killed was responsible for the increase over 1940.



STATISTICAL SUMMARY OF CIVIL AVIATION IN CANADA, 1936-1941

TABLE 1

	1941	1940	1939	1938	1937	1936
Aircraft hours flown	132,823	151,828	145,638	133,168	126,896	101,953
Aircraft miles flown	12,508,390	11,012,587	10,541,099	11,231,027	10,055,747	7,100,401
Passengers carried - Revenue	195,011	135,779	133,776	104,117	110,864	99,451
" " - Non Revenue	15,048	11,406	21,168	26,990	23,284	11,851
" " - Total	208,059	149,025	154,944	131,107	134,148	111,302
Passenger miles - Revenue	53,891,516	38,438,439	21,831,568	10,913,409	12,558,264	8,724,790
" " - Non Revenue	2,832,198	2,727,363	2,873,889	2,617,337	1,398,169	928,406
" " - Total	56,723,714	41,165,802	24,705,257	13,530,746	14,056,433	9,653,196
Freight carried (lb.)	16,559,611	14,436,871	19,379,700	19,623,133	24,317,510	22,947,105
Mail carried	3,411,971	2,710,995	1,900,347	1,901,711	1,450,473	1,161,060
Total	19,971,582	17,147,566	21,280,047	21,524,844	25,768,083	24,108,165
Ton miles - Freight	1,125,537	946,195	967,113	960,836	1,874,723	1,066,036
" " - Mail	894,578	610,053	433,349	281,667	112,558	89,588
" " - Total	2,020,115	1,556,248	1,400,462	1,242,503	1,987,281	1,155,624
Gasoline consumed	4,389,648	x 3,959,798	3,297,410	2,857,847	2,222,733	1,681,517
Lubricating oil consumed	104,758	x 92,719	68,756	63,256	64,371	51,730
Licensed aircraft	440	473	488	471	604	475
" commercial pilots	77	128	168	226	320	380
" limited commercial pilots	322	249	191	165	129	65
" transport pilots	158	152	147	130	73	42
" private "	760	825	795	734	635	559
" air engineers	832	822	722	643	595	533
Flying Accidents						
Passengers killed	14	9	8	7	3	8
" injured	10	6	6	8	4	10
Pilots killed	8	4	6	10	4	8
" injured	5	3	3	5	3	11
Other crew killed	2	-	-	-	-	-
" injured	-	-	-	-	-	-
Other persons killed	-	-	-	-	-	-
" injured	-	-	-	-	-	-
Total persons killed	24	13	14	17	1	16
" injured	15	9	9	13	7	21
Number of accidents resulting in death or injury to persons	20	12	10	15	8	20
Damage to property only	50	73	117	74	76	66
Total	70	85	127	89	84	86

x - Revised.

AIRCRAFT MILES, PASSENGERS, FREIGHT, MAIL, REVENUES AND EXPENSES, 1941

TABLE 2.

	Provincial Government	Schools and Sight-Seeing	Commercial Companies			Total (8)
			International (6)	Licensed (8)	Non-licensed	
	A	B	C	D	E	F
Aircraft miles flown - Revenue	-	-	770,691	10,816,814	259,595	11,810,668
" " - Non Revenue	-	-	9,179	250,431	438,112	697,722
" " - Total	-	-	779,870	11,067,245	697,707	12,508,390
Passengers carried - Revenue	-	-	54,610	135,157	6,499	193,011
" " - x Non Revenue	-	-	4,278	4,480	6,215	15,048
" " - Total	-	-	5/ 58,888	139,637	12,814	208,059

Freight carried - Revenue	-	164,767	13,757,295	911,898	14,826,256
" " - Non Revenue	-	49,264	430,560	1,253,729	1,733,551
" " - Total	-	6/ 214,031	14,187,855	2,165,627	16,559,411
Mail carried	-	7/ 419,725	3,005,982	10,878	3,411,971
Passenger miles - Revenue	-	3,961,755	49,862,062	304,923	53,891,516
" " - Non Revenue	-	256,612	1,813,001	764,565	2,832,138
" " - Total	-	4,218,367	51,675,063	1,069,488	56,723,714
Freight ton miles - Revenue	-	10,355	931,935	14,557	956,482
" " - Non Revenue	-	3,899	111,561	53,599	169,055
" " - Total	-	14,254	1,043,496	68,156	1,125,537
Mail ton miles	-	30,464	864,739	339	894,578
Aircraft hours flown - Revenue Transportation	-	5,080	81,273	2,385	88,536
" " - Non Revenue	-	60	2,501	4,488	7,049
" " - Forestry Patrol	-	-	271	195	6,835
" " - Fishery	-	-	25	42	147
" " - Photography Survey	-	-	240	199	508
" " - Advertising	-	10	-	-	1
" " - School - Instruction	-	16	3,910	254	27,927
" " - Exhibition - Miscellaneous	-	11	880	3	1,820
" " - Total	-	24,519	89,100	7,566	132,823
Hours flown by Crew	-	13,372	188,119	7,703	241,154
" " - Passengers - Revenue - Non Revenue	-	27,521	342,559	11,052	379,777
Horse Power Hours Flown (Rating of Engines) (000)	-	6,427	99,302	2,423	113,797
Gasoline consumed	-	1/ 292,222	4,048,713	132,233	2/ 4,389,648
Lubricating oil consumed	-	1/ 2,375	96,778	3,352	2/ 104,758
OPERATING REVENUES	-	-	-	-	-
Passenger (including excess baggage)	-	-	-	-	-
Mail	-	-	-	-	-
Freight	-	-	-	-	-
Other transportation revenues	-	-	-	-	-
Incidental revenues	-	-	-	-	-
Total	-	3/ 245,042	8,815,556	132,879	9,193,477
OPERATING EXPENSES	-	-	-	-	-
Aircraft operation and maintenance	-	-	-	-	-
Ground operation and maintenance	-	-	-	-	-
Incidental services	-	-	-	-	-
Traffic	-	-	-	-	-
General administration	-	-	-	-	-
General taxes	-	-	-	-	-
Total	-	3/ 225,359	8,543,490	139,796	8,908,645

x - Includes employees other than crew.

1/- Purchased in Canada.

2/- Canadian companies only.

3/- Not distributed.

4/- Not recorded.

5/- Overhead 11,792 included.

6/- Overhead 106,550 included.

7/- Overhead 150,841 included.

8/- Statistics of Canadian portion of international routes of Trans-Canada Air Lines are included in both columns C and D. Duplications are excluded in F.

TABLE 3

INVESTMENT - EMPLOYEES - SURVEYS - ACCIDENTS - 1941

	Provincial Governments	Schools and Sightseeing	Commercial Companies						Total		
			International		Canadian						
			No.	Wages	No.	Licensed	No.	Non-licensed			
INVESTMENT Lands and buildings Aircraft - engines - parts Tools and equipment Furniture and office appliances Miscellaneous expenditures Total	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
		10,934									
		98,053									
		14,522									
		5,483									
		128,792									
EMPLOYEES General officers Clerks Licensed pilots and co-pilots Licensed engineers Mechanics and other aircraft employees Other employees Total	No.	Wages	No.	Wages	No.	Wages	No.	Wages	No.	Wages	
	6	19,721	8	28,212	39	231,539	1	2,252	54	281,724	
	4	6,529	7	5,842	204	269,735	3	2,554	218	284,660	
	24	67,488	14	28,168	181	741,687	20	59,584	239	896,927	
	28	62,631	8	15,509	131	280,926	7	11,685	174	370,751	
	18	14,382	34	22,531	586	766,412	6	7,742	644	810,867	
	11	10,402	14	11,948	449	583,153	1	606	475	606,109	
	91	181,153	85	112,010	1,590	2,873,452	38	84,423	1,804	3,251,038	
Survey - Sq-miles sketched from aircraft " " " photographed - vertical " " " " oblique Forest fires detected from air & reported Pupils given instruction " " qualifying for pilots' certificates	825	-	-	-	-	-	-	-	-	825	
	6,551	-	-	-	-	-	-	-	-	12,218	
	156	-	-	-	-	-	-	-	-	250	
	1	1,090	-	-	-	-	-	-	-	176	
	1	237	-	-	-	-	-	-	-	1,091	
FLIGHT ACCIDENTS Killed - crew " " - passengers Total Injured - crew " " - passengers Total Killed in revenue transportation " " school and instruction Injured in revenue transportation " " exhibition & misc. flying " " school and instruction										Private air-craft	
	-	2	-	-	-	8	-	-	-	10	1
	-	3	-	-	-	11	-	-	-	14	3
	-	5	-	-	-	19	-	-	-	24	4
	-	5	-	-	-	-	-	-	-	5	2
	-	5	-	-	-	5	-	-	-	10	-
	-	10	-	-	-	5	-	-	-	15	2
	-	-	-	-	19	-	-	-	19	7/	
	-	5	-	-	-	-	-	-	5	5	
	-	-	-	-	5	-	-	-	5	5	
	-	4	-	-	-	-	-	-	4	4	
	-	6	-	-	-	-	-	-	6	6	

AIRCRAFT TRAFFIC BY PROVINCE OF ORIGIN, 1941

Origin of Traffic	Schools and Sightseeing (1)	Commercial Companies				Total (5)
		International (2) (8)	Canadian			
			Licensed (3)	Non-licensed (4)		
<u>PASSENGER - REVENUE AND NON REVENUE</u>						
Prince Edward Island	-	-	2,603	118	2,721	
Nova Scotia	-	-	3,723	2	3,725	
New Brunswick	-	(4,719	5,299	199	10,217	
Quebec	1,338	(6,029	20,050	1,971	29,388	
Ontario	5,017	4,645	54,147	5,463	69,272	
Manitoba	1,601	2,364	11,442	521	15,928	
Saskatchewan	-	-	7,179	1,800	8,979	
Alberta	-	574	13,595	1,135	15,304	
British Columbia	-	5,033	18,061	288	23,382	
Yukon and North-West Territories	-	135	4,825	1,317	6,277	
Foreign Countries	-	20,317	4,886	-	25,203	
Total	(1) 7,956	(3) 55,608	(2) 145,810	12,814	222,188	
<u>FREIGHT - REVENUE AND NON REVENUE (lbs.)</u>						
Prince Edward Island	-	-	5,595	34	5,629	
Nova Scotia	-	-	8,525	300	8,825	
New Brunswick	-	11,474	24,597	1,141	37,212	
Quebec	-	5,500	4,550,319	61,381	4,617,200	
Ontario	-	9,007	4,939,266	823,661	5,771,934	
Manitoba	-	695	2,596,574	367,358	2,964,627	
Saskatchewan	-	-	237,078	289,120	526,198	
Alberta	-	127	275,595	289,120	564,842	
British Columbia	-	3,479	368,279	44,867	416,625	
Yukon and North-West Territories	-	15	1,353,244	289,120	1,642,379	
Foreign Countries	-	69,282	13,896	-	83,178	
Total	-	(4) 206,129	(5) 14,372,968	(6) 2,166,102	16,745,199	
<u>MAIL (lbs.)</u>						
Prince Edward Island	-	-	67,049	3,532	70,581	
Nova Scotia	-	-	35,950	-	35,950	
New Brunswick	-	4,733	151,358	7,346	163,437	
Quebec	-	47,778	317,406	-	365,184	
Ontario	-	11,110	770,601	-	781,711	
Manitoba	-	31,103	441,148	-	472,251	
Saskatchewan	-	-	164,033	-	164,033	
Alberta	-	2,792	458,394	-	461,186	
British Columbia	-	27,783	308,876	-	336,659	
Yukon and North-West Territories	-	818	246,692	-	247,510	
Foreign Countries	-	118,153	44,475	-	162,628	
Total	-	(7) 395,111	5,005,982	10,876	5,411,971	

(7) Sightseers - not included in table 2.

(1) Sightseers - not included in table 2.

(2) Includes 6,173 passengers received from other carriers not included in table 2.

(2) Includes 17,792 passengers from U.S. to U.S. points.
carriers not included in table 2.

(3) Includes 11,792 passer

5) Includes 185,113 lbs. rec'd from another carrier not included in table 2.

[illegible]

(7) Includes 150,841 lbs. from U.S. to U.S. points.

(8) International traffic of Trans-Canada Air Lines included in column 3 only.

TABLE 5

AIRPORTS IN CANADA, 1941

Kind	Landing Surfaces			
	Land Only	Water Only	Land and Water	Total
	No.	No.	No.	No.
Public	7	28	1	36
Dominion Government	42	-	1	43
Intermediate	40	-	-	40
Provincial	-	11	-	11
Private	5	25	1	31
Municipal Airports	13	4	2	19
TOTAL	107	68	5	180

TABLE 6

LICENSED CIVIL AIRCRAFT IN CANADA, DECEMBER 31, 1941

Aircraft	Dominion and Provincial	Private	Light Aeroplane Clubs	Commercial ^{2/} Canadian	Total
<u>Gross Weight 3/</u>					
Up to 2,000 lb.	27	45	46	109	227
2,001 to 4,000 lb. ...	14	14	-	58	86
4,001 to 10,000 lb. ..	25	-	-	71	96
Over 10,000 lb.	1	-	-	30	31
TOTAL	67	59	46	268	440
<u>Type</u>					
Sea planes	19	1	-	-	20
Amphibians	-	-	-	-	-
Land planes	26	45	27	124	222
Convertible 4/	22	13	19	144	198
TOTAL	67	59	46	268	440

2/ Includes Canadian licensed aircraft of international companies.

3/ Total weight of aircraft with supplies and full load.

4/ May be equipped with wheels, floats or skis as conditions demand.

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~~and Public Utilities Branch~~

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Operators in the northern districts of Canada are engaged mainly in serving mines, trappers, prospectors, etc., the mines supplying the greater part of their traffic. Their aircraft are equipped with floats in the summer and skis in the winter and lakes serve as landing surfaces. Consequently there are periods each spring and fall when ice conditions make operation impossible. All flying under these conditions is daylight flying. These aircraft have carried all kinds of freight, including shipments of gold, horses and cattle, canoes, mining machinery, bundles of furs, dynamite, etc. They furnish the most economical transportation service to many northern mines and it is this traffic which accounts for the heavy freight traffic by air as compared with freight carried by aircraft in other countries.

(Continued on page 6)

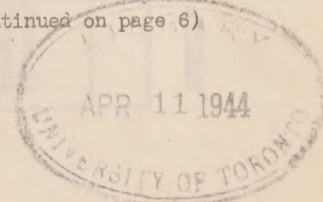


TABLE 1
STATISTICAL SUMMARY OF CIVIL AVIATION IN CANADA, 1942

	1942	1941	1940	1939	1938	1937
Aircraft hours flown	117,876	132,823	151,828	145,638	133,168	126,896
Aircraft miles flown	13,329,143	12,508,390	11,012,587	10,541,099	11,231,027	10,055,747
Passengers carried - Revenue	215,702	198,011	(x) 137,619	133,776	104,117	110,864
" " - Company Employees	(1) 8,961	15,048	11,406	21,168	-	-
" " - Non Revenue	4,384	208,059	149,025	154,944	26,990	23,284
" " - Total	229,047	53,891,516	38,438,439	21,831,368	131,107	134,148
Passenger Miles - Revenue	70,554,377	53,891,516	38,438,439	21,831,368	10,913,409	12,658,264
" " - Company Employees	(1) 1,601,277	-	-	-	-	-
" " - Non Revenue	1,050,947	2,832,198	2,727,563	2,873,889	2,617,337	1,338,169
" " - Total	73,206,601	56,723,714	41,165,802	24,705,257	13,530,746	14,056,433
Freight carried (lb.)	12,651,939	16,559,611	14,436,571	19,579,700	19,623,133	24,317,610
Mail carried	5,470,209	3,411,971	2,710,995	1,900,347	1,901,711	1,450,473
Total	18,122,148	19,971,582	17,147,566	21,280,047	21,524,844	25,768,083
Ton Miles - Freight	1,273,950	1,125,537	946,195	967,113	960,836	1,874,723
" " - Mail	1,484,314	894,578	610,053	433,349	281,667	112,558
" " - Total	2,758,264	2,020,115	1,556,248	1,400,462	1,242,503	1,987,281
Gasoline consumed	4,653,555	4,389,648	3,959,798	3,297,410	2,857,847	2,222,733
Lubricating oil consumed	104,441	104,758	92,719	68,756	63,256	64,371
Licensed aircraft	457	440	473	488	471	604
" commercial pilots	129	77	128	166	226	320
" limited commercial pilots	366	322	249	191	165	129
" transport pilots	172	158	152	147	130	73
" private	888	760	825	795	734	635
" air engineers	862	832	822	722	643	595
Flying Accidents						
Passengers killed	2	14	9	8	7	3
" injured	6	10	6	6	8	4
Pilots killed	5	8	4	6	10	4
" injured	4	5	3	3	5	3
Other crew killed	-	2	-	-	-	-
" injured	-	-	-	-	-	-
Other persons killed	-	-	-	-	-	-
" injured	-	-	-	-	-	-
Total persons killed	7	24	13	14	17	1
" injured	10	15	9	9	13	8
Number of accidents resulting in death or injury to persons	9	(x) 17	(x) 9	(x) 7	15	8
Damage to property only	25	(x) 42	(x) 67	(x) 102	74	76
Total	34	(x) 59	(x) 76	(x) 109	89	84

(x) Revised.

(1) Previously included with non revenue passengers and passenger mileage.

	Provincial Govern- ments	Schools Sight- Seeing	Commercial Companies			Total (8)
			International (8)	Licensed (8)	Non-Licensed (8)	
Aircraft miles flown - Revenue transportation	A	B	C	D	E	F
" " " - Non revenue	-	-	796,650	11,851,289	199,714	12,781,867
" " " - Total	-	-	1,928	277,985	267,435	547,276
Passengers carried - Revenue	-	-	798,578	12,123,274	467,149	13,329,143
" " " - Company employees	-	-	66,728	168,886	4,793	215,702
" " " - Non revenue	-	-	3,030	2,885	3,109	8,961
" " " - Total	-	-	746	2,174	1,523	4,384
Freight carried - Revenue	-	-	(5) 70,504	175,945	9,425	229,047
" " " - Non revenue	-	-	-	10,353,775	640,559	11,408,001
" " " - Total	-	-	79,074	502,783	665,022	1,245,938
Mail carried	-	-	(6) 645,893	10,856,558	1,305,581	12,651,939
Passenger miles - Revenue	-	-	(7) 1,121,511	4,348,698	-	5,470,209
" " " - Company employees	-	-	5,775,267	65,066,939	173,385	70,554,377
" " " - Non revenue	-	-	289,228	997,433	317,028	1,601,277
" " " - Total	-	-	62,648	871,722	119,360	1,050,947
Freight Ton Miles - Revenue	-	-	6,127,143	66,936,094	609,773	73,206,801
" " " - Non revenue	-	-	37,520	1,077,625	12,210	1,125,912
" " " - Total	-	-	7,437	109,710	30,922	148,038
Mail Ton Miles	-	-	44,1957	1,187,335	43,132	1,273,950
Aircraft hours flown - Revenue transportation	-	-	88,599	1,398,921	-	1,434,314
" " " - Non revenue	-	-	5,339	85,026	2,317	92,514
" " " - Forestry patrol	-	-	15	2,488	2,726	5,227
" " " - Fishery	-	-	-	70	49	4,595
" " " - Photography - Survey	-	-	-	-	44	120
" " " - Advertising	-	-	-	285	239	559
" " " - School - Instruction	-	-	-	2	1	3
" " " - Exhibition - Miscellaneous	-	-	-	1,963	288	13,690
" " " - Total	-	-	32	647	43	1,368
Hours flown by Crew	220	439	5,384	90,481	5,707	117,876
" " " - Passengers - Revenue - Non revenue	5,326	11,883	16,130	197,655	5,726	235,573
Horse Power Hours Flown (Rating of Engines) (000)	-	-	41,336	436,053	5,875	480,534
Gasoline consumed (callons)	1,863	917	9,410	114,325	1,489	127,246
Lubricating oil consumed	81,875	45,091	(1) 527,987	4,442,190	84,399	(2) 4,653,555
OPERATING REVENUES	1,645	862	(1) 4,049	99,721	2,213	(2) 104,441
Passenger	-	-	(4)	4,981,336	39,356	5,020,692
Mail	-	-	-	4,047,573	-	4,047,573
Freight	-	-	-	1,399,528	51,981	1,451,509
Other transportation revenues	-	-	-	307,515	-	307,515
Incidental revenues	-	-	-	1,154,229	151,666	1,305,895
Total	-	(3) 116,065	-	11,889,981	243,003	12,249,049
OPERATING EXPENSES	-	-	-	-	-	-
Aircraft operation and maintenance	-	-	(4)	7,053,258	91,968	7,145,226
Ground	-	-	-	2,321,489	11,573	2,333,062
Incidental services	-	-	-	723,650	128,907	852,557
Traffic	-	-	-	463,855	112	463,967
General administration	-	-	-	683,757	13,529	697,286
General taxes	-	-	-	46,906	257	47,163
Total	-	(3) 108,492	-	11,292,915	246,546	11,647,753

(1) Purchased in Canada.

(4) Not recorded.

(5) Overhead 17,497 included.

(7) Overhead 585,657 included.

(6) Overhead 352,859 included.

(8) Statistics of Canadian portion of international routes of Trans-Canada Air Lines are included in both columns C & D. Duplications are excluded in F.

AIRCRAFT TRAFFIC BY PROVINCE OF ORIGIN, 1942

TABLE 4

Origin of Traffic	Schools and Sightseeing (A)	Commercial Companies				Total (E)
		International (B) (7)	Canadian			
			Licensed (C)	Non-licensed (D)		
<u>PASSENGERS - REVENUE AND NON REVENUE</u>						
Prince Edward Island	-	-	4,552	-	-	4,552
Nova Scotia	-	-	9,169	-	-	9,169
New Brunswick	-	-	9,695	-	-	9,695
Quebec	600	5,471	22,835	1,907	-	30,813
Ontario	-	3,197	56,749	3,647	-	63,593
Manitoba	882	1,673	9,150	1,100	-	12,805
Saskatchewan	-	-	8,315	1,672	-	9,987
Alberta	-	714	18,688	400	-	19,802
British Columbia	-	4,366	20,966	239	-	25,571
Yukon and North-West Territories	-	653	8,274	460	-	9,387
Foreign Countries	-	15,395	8,521	-	-	23,916
Total	(1) 1,482	(3) (8) 54,349	(2) 176,914	9,425	-	242,170
<u>FREIGHT - REVENUE AND NON REVENUE</u>						
Prince Edward Island	-	-	1,365	-	-	1,365
Nova Scotia	-	-	69,308	-	-	69,308
New Brunswick	-	-	35,709	-	-	35,709
Quebec	-	24,548	1,798,453	90,461	-	1,913,462
Ontario	-	12,645	4,124,721	555,773	-	4,693,139
Manitoba	-	593	1,592,287	258,416	-	1,851,296
Saskatchewan	-	-	131,818	247,175	-	378,993
Alberta	-	33	558,149	56,328	-	614,510
British Columbia	-	95	1,417,948	17,560	-	1,435,603
Yukon and North-West Territories	-	1,553	1,119,259	79,868	-	1,200,680
Foreign Countries	-	114,841	44,687	-	-	159,528
Total	-	(4) (8) 525,019	(6) 10,893,704	1,305,581	-	12,724,304
<u>MAIL (lbs.)</u>						
Prince Edward Island	-	-	98,222	-	-	98,222
Nova Scotia	-	-	145,443	-	-	145,443
New Brunswick	-	-	272,146	-	-	272,146
Quebec	-	16,796	458,203	-	-	474,999
Ontario	-	15,782	997,183	-	-	1,012,965
Manitoba	-	31,853	343,201	-	-	375,054
Saskatchewan	-	-	178,494	-	-	178,494
Alberta	-	5,917	919,038	-	-	924,955
British Columbia	-	27,211	439,992	-	-	467,203
Yukon and North-West Territories	-	20,471	368,329	-	-	388,800
Foreign Countries	-	138,649	128,447	-	-	267,096
Total	-	(5) (8) 897,330	4,348,698	-	-	5,245,978 5,246,028

(1) Sightseers - not included in table 2.

(2) Includes 2,969 passengers received from other carriers not included in table 2.

(3) Includes 17,497 passengers from U.S. to U.S. points.

(4) " 352,859 lbs. of freight from U.S. to U.S. points.

(5) Includes 585,657 lbs. of mail from U.S. to U.S. points.

(6) " 37,146 lbs. received from another carrier not included in table 2.

(7) International traffic of Trans-Canada Air lines included in Column C only.

(8) Includes 5,383 passengers, 17,852 lbs. of freight and 54,994 lbs. of mail not distributed between New Brunswick, Quebec & foreign countries.

(Continued from page 1)

Time and miles for "International" operators are only over Canadian territory. The time must necessarily be estimated but any error should be small. These companies report the gasoline and oil purchased in Canada which, with that used by the Canadian operators is the total consumption by civil aircraft except private and Dominion Government aircraft. Also it does not include gasoline and oil consumed by military aircraft. Excess baggage is included with freight. International mail includes both incoming and outgoing mail. Also passengers carried by International operators include passengers in both directions, and for companies flying between United States points they include through passengers on board while flying over Canadian territory.

These International operators had no accidents during 1942 in which persons were killed or injured. Canadian licensed operators had accidents in which 3 persons were killed and 4 persons were injured and for non-licensed operators 1 person was killed and 6 were injured. These were exclusive of private aircraft accidents in which 1 person was killed and 2 were injured, and exclusive of all military flying accidents in Canada.

TABLE 5

AIRPORTS IN CANADA, 1942

Kind	Landing Surfaces			
	Land only	Water only	Land & Water	Total
	No.	No.	No.	No.
Public	7	27	1	35
Dominion Government	43	-	1	44
Intermediate	40	-	-	40
Provincial	-	10	-	10
Private	5	24	1	30
Municipal Airports	12	4	2	18
Total	107	65	5	177

TABLE 6

LICENSED CIVIL AIRCRAFT IN CANADA, DECEMBER 31, 1942

Aircraft	Dominion and Provincial	Private	Light Aero-plane Clubs	Commercial ^{2/} Canadian	Total
<u>Gross Weight</u> ^{3/}					
Up to 2,000 lb.	18	19	20	75	132
2,001 to 4,000 lb.	14	4	-	46	64
4,001 to 10,000 lb.	27	1	-	61	89
Over 10,000 lb.	1	-	-	32	33
Total	60	24	20	214	318
<u>Type</u>					
Sea planes	19	1	-	-	20
Amphibians	1	-	-	-	1
Land planes	16	16	11	92	135
Convertible ^{4/}	25	6	9	122	162
Total	60	24	20	214	318

^{2/} Includes Canadian licensed aircraft of international companies.

^{3/} Total weight of aircraft with supplies and full load.

^{4/} May be equipped with wheels, floats or skis as conditions demand.

